

THE BIG MINES OF THIS CAMP

Developments and Work During the Past Week as Gathered by a Bonanza Representative--The Tonopah Mining Company Putting in Huge Pump and Preparing for Deep Mining

TONOPAH MINING.

The workings in the Silver Top have advanced 187½ feet during the week and the Mizpah and Red Plume properties have advanced 264½ feet. The reaming out of the diamond drill hole which caved some time ago, has been finished and the work of casing it will probably be finished today. On the different levels of the Mizpah considerable work is being done in the shape of raising on the ore that has been exposed in the drifts. This is being done so as to get a more definite idea of the various ledges.

In the westerly end of the 200-foot level in the Silver Top development work is still being carried on to connect with the old workings. On the third level raising is being done along the Stone Cabin line which will connect with the second level. This is being done to prospect the Silver Top vein.

Work has been resumed in an old south crosscut on the second level of the Mizpah shaft for the purpose of prospecting for some of the surface croppings that have not been worked before. In the westerly workings of this level development work is being done on parallel veins, which show low grade milling values.

On the easterly side of the third level crosscutting has been started south from the main workings to prospect parallel veins. On the fifth level winze work has been started in the east workings to follow veins down to the sixth. These veins have never been worked below this level. Considerable cutting out and stoping work is also being done on this level to get the ore in shape for mining. The work in the west end of the sixth level still shows good milling.

The vein is extending west toward the Red Plume shaft. The Red Plume workings continue to show up ore in the development work that is being done.

The company has ordered a pump and all the necessary apparatus for the pumping of water from the bottom of the shaft. The pump should be in operation inside of the next forty-five days and it will be installed on the 1200-foot level. When the water is pumped out sinking will be resumed.

BELMONT.

The general condition of the Belmont mine looks better than it has for over a year. New bodies of ore are being opened up daily and old ledges are increasing in width and values.

During the past week 207 feet of work has been done, an increase of ten feet over the preceding week. On the 900 level the Occidental vein is out 312 feet, having advanced nineteen feet for the week, and shows twelve inches of good grade ore in the face. The stopes in this drift show very little change. On the south vein on this level the stopes are yielding their usual amount of high grade ore.

The west drift of the Occidental vein on the 1000-foot level has advanced seventeen and one-half feet during the week and is out sixty-two feet. The face shows about two feet of low grade ore. The west drift on the south vein is out ninety-four feet, having advanced twenty-three feet. The work of crosscutting the fault which was encountered last week has been in progress and the face is now beginning to show quartz which carries small values. The ledge should be encountered sometime during the coming week. The east crosscut from "A" vein is out 425 feet, making an advance of forty-four feet. The face shows no change in the formation.

Raise No. 1 from the 1009 west drift is up twenty-seven feet having advanced fifteen feet and shows bunches of quartz and stringers. The winze on the 1056 level from the 1009 west drift is down 156 feet, advancing ten and one-half feet, and shows stringers and bunches of quartz carrying fair values. East drift No. 2 on the 125-foot level of this winze is out sixty-one feet and shows about five feet of fair grade milling ore. The stopes along the back of this drift for fifty feet in length are working on a body of good milling ore about two and one-half feet in width.

On the 1100 level west drift No. 1 from the winze is out forty-three feet with an advance of six and one-half feet. The face shows no change, still being in porphyry and crushed quartz. Raise No. 1 has connected with the 1000 level, having traversed

The Tonopah Mining company has just completed the purchase of a big pump which will be installed on the 1200-foot level of the Mizpah shaft. This pump will have a capacity of 200 gallons per minute under a 1200-foot head. This will be far above sufficient to keep the flow of water down, as it will not average over fifteen gallons per minute. The plant was purchased in California and is expected to arrive in Tonopah in about fifteen days. It will be driven by electricity. The complete plant should be in operation inside of the next forty-five days and just as soon as the water is pumped from the bottom of the shaft, sinking will again be started and continued until a depth of 1500 feet is reached. The Tonopah Mining company officials are anxious to determine the formation of the ground at depth and should values be encountered it will practically mean the discovering of a second Tonopah mineral district.

The work of cutting out the station for the installation of the pump will start in a few days and everything will be in readiness when the machinery arrives. The motor and necessary pipe will arrive at the same time.

ed a total distance of 127 feet. Stoping has been started at the bottom of this raise on the 1100 level and the ledge will be worked to the upper level. This ledge is known to exist for a distance of 200 feet and will produce a large amount of high grade. No. 3 raise from the east drift has advanced thirty feet and is now up sixty-one feet. The top of the raise shows five feet of good grade milling ore.

JIM BUTLER.

The ore shipments for the week from the Jim Butler amounted to 300 tons, the ore being sent to the Belmont mill at Millers.

On the 100 level stoping is being done east and west on the north vein, the ledge being three feet in width and of a good grade milling ore. On the south vein east and west stoping is being done on a five-foot vein of good ore. The stope west on the incline is working in about two feet of good ore.

On the 200 level the stopes east and west on the north vein show the ledge to be about five feet in width and of a good shipping quality. Development work is being done in the west raise on a three-foot ledge. This raise has advanced four feet during the week and is up a distance of fifty feet from the level.

The stope west on the incline from the 200 level has a two-foot ledge opened up.

On the intermediate, between the 200 and 300, the stopes east on the

north vein have three and one-half feet of good shipping ore.

MACNAMARA.

The MacNamara shipped 250 tons of ore during the week to the Montana mill. This ore was extracted chiefly from the No. 2 stope, an upraise and two crosscuts on the 275 level, all of them being in ore. Ore is also being extracted from the 300 level west of the stope and from a second upraise forty feet east of the stope, which encountered a three-foot ledge of good ore during the week. One of the most important developments during the week was the finding of a vein in the west drift on the 200 level. This vein had faulted and the work of finding it has been under way for the past three weeks. A crosscut was driven seventy feet south and encountered the vein, which is about four feet wide and carries excellent values. Drifting west and upraising has been started on this ore body.

On the 275 level a west crosscut opposite the No. 1 stope which has been following up a ledge of fair grade ore has shown remarkable improvement. Several days ago the ledge suddenly widened and the values increased. The ledge was formerly two feet wide and it is now five and of an excellent milling ore quality.

MIDWAY.

Drifting is being continued east and south of the shaft on the first

level of the Midway, along a quartz ledge. The ledge is broken up considerably and has faulted to a certain extent. The quartz contains low grade values.

On the second level drifting is being conducted west on stringers which were cut some time ago. Fair values are found in the stringers and it is expected that they will widen out before much more distance is traversed. The face of the drift is now out 250 feet from the shaft.

The drift on No. 3 vein on the third level is now out 500 feet east and south of the shaft. The usual amount of ore is being taken out from the stope on No. 2 vein.

The raise on the fourth level is up fifty feet. This raise will be continued until it taps the ore on the upper level. Drifting is being continued on the sixth level and the face of the drift is now out 450 feet north

of the shaft. This drift is being driven with the hope of picking up the fault of the Brougher vein.

TONOPAH EXTENSION.

Very little of importance has transpired during the week in the workings of the Extension. The regular amount of progress is reported in the various drifts and workings on the 400 and 170-foot levels where the only work is being carried on at present. When definite plans are decided on as to the construction of a mill which the officials of the company now have under way, the work will be resumed on all the levels and a large amount of low grade ore that has been blocked out will be extracted.

WEST END.

The west drift of the West End has advanced eight feet during the week and is now in a total distance

(Continued on Page 4.)

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